TESTIMONY OF Thomas L. Sanders President American Nuclear Society

BEFORE THE BLUE RIBBON COMMISSION ON AMERICA'S NUCLEAR FUTURE May 19, 2009

MAIN POINTS

- ANS Special Committee on Used Nuclear Fuel Management Options will evaluate the technical advantages and challenges of various fuel cycle alternatives and issue a report November, 2010.
- BRC will likely not seek to select candidate sites to replace Yucca
 Mountain or recommend technological pathways to close the fuel cycle. If
 these issues are off the table, the only potential game-changer left is
 reforming the "operational mechanics" of the fuel cycle.
- ANS supports creating an independent entity to entity to oversee management of the current and expected stockpile of U.S. used nuclear fuel and urges the BRC to make it a focal point of consideration.
- BRC must anticipate the need to support so-called cradle-to-grave fuel solutions for our international partners, including waste management.
- Nuclear energy is increasingly important to US energy, security, economic and environmental goals. BRC should a have sense of urgency in preparing for growth of US fuel cycle.
- The "nuclear waste problem" is and has always been largely a political problem -- no technological showstoppers.
- Public acceptance is critical. Federal government has a role in improving "nuclear literacy" of US public. ANS ready to help.
- For the BRC, there is no relevance without controversy. Resist recommendations that represent the lowest common political denominator. Let the science guide you, even if it means rocking the political boat a little.